

Date: Tue, 17 May 94 04:30:21 PDT  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V94 #126  
To: Ham-Space

Ham-Space Digest                      Tue, 17 May 94                      Volume 94 : Issue 126

Today's Topics:

                    ARLK019 Keplerian data  
            Connecting an FT-726R to a G3RUH modem?  
                    FCC REGS?  
            HELP! - Sharp PC-6200 lcd & docs

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>  
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sun, 15 May 1994 21:56:37 MDT  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!  
alberta!ve6mgs!usenet@network.ucsd.edu  
Subject: ARLK019 Keplerian data  
To: ham-space@ucsd.edu

SB KEP @ ARL \$ARLK019  
ARLK019 Keplerian data

ZCZC SK86  
QST de W1AW  
Keplerian Bulletin 19 ARLK019  
>From ARRL Headquarters  
Newington, CT May 14, 1994  
To all radio amateurs

SB KEP ARL ARLK019  
ARLK019 Keplerian data

Thanks to NASA, AMSAT and N3FKV for the following Keplerian data.

Decode 2-line elsets with the following key:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ  
2 AAAAA EEE.EEEE FFF.FFFF GGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ  
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN  
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

STS-65

1 99965U 94189.76632148 0.00073311 21920-3 0 22  
2 99965 28.4664 14.3253 0003598 331.2635 28.7780 15.90320458 27

A0-10

1 14129U 83058B 94130.80459721 -.00000016 10000-3 0 2774  
2 14129 27.1382 328.2037 6020986 177.1779 188.9849 2.05880044 54048

RS-10/11

1 18129U 87054A 94130.08415553 -.00000000 -16999-4 0 8968  
2 18129 82.9265 357.0128 0012666 123.6132 236.6238 13.72335938344689

U0-11

1 14781U 84021B 94129.54582830 0.00000211 43582-4 0 6879  
2 14781 97.7882 146.0792 0012814 37.7565 322.4528 14.69203696544636

RS-12/13

1 21089U 91007A 94133.21181356 0.00000023 89011-5 0 6865  
2 21089 82.9238 37.3882 0028156 203.8370 156.1477 13.74040087163847

A0-13

1 19216U 88051B 94126.28995779 -.00000321 10000-4 0 9091  
2 19216 57.8344 254.1456 7210927 340.7734 2.0051 2.09721388 13636

U0-14

1 20437U 90005B 94130.22723062 0.00000037 31238-4 0 9878  
2 20437 98.5905 215.5169 0010604 307.4689 52.5521 14.29841089224162

A0-16

1 20439U 90005D 94132.73338135 0.00000023 25875-4 0 7874  
2 20439 98.5990 219.1851 0010892 301.2386 58.7720 14.29895379224532

D0-17

1 20440U 90005E 94131.78158643 0.00000038 31885-4 0 7867  
2 20440 98.5998 218.5557 0010905 302.2194 57.7929 14.30034790224412

W0-18

1 20441U 90005F 94130.21693527 0.00000032 29330-4 0 7888  
2 20441 98.6000 217.0145 0011444 307.1754 52.8393 14.30009020224194

L0-19

1 20442U 90005G 94129.77786521 0.00000032 29460-4 0 7856  
2 20442 98.5980 216.8261 0011803 308.0215 51.9900 14.30104622224141

F0-20

1 20480U 90013C 94129.46561045 -.00000008 46937-4 0 6823  
2 20480 99.0315 288.6150 0541341 67.1736 298.5600 12.83225679199162

A0-21

1 21087U 91006A 94129.16206480 0.00000094 82657-4 0 4625  
2 21087 82.9448 171.5920 0034734 189.9860 170.0610 13.74538981164221

U0-22

1	21575U	91050B	94130.18555526	0.00000044		29276-4	0	4890
2	21575	98.4367	205.4461	0008631	47.4109	312.7787	14.36912298147624	
K0-23								
1	22077U	92052B	94130.06403504	-.00000037		10000-3	0	3847
2	22077	66.0874	359.8032	0013522	299.1158	60.8506	12.86285570	81883
K0-25								
1	22830U	93061H	94129.90200328	-.00000051		-31490-5	0	2883
2	22830	98.5572	203.7809	0010466	291.7365	68.2605	14.28050062	32237
I0-26								
1	22826U	93061D	94129.74262760	0.00000014		23562-4	0	2830
2	22826	98.6558	205.9657	0009156	329.5650	30.5000	14.27724911	32201
A0-27								
1	22825U	93061C	94130.24943309	0.00000025		27856-4	0	2833
2	22825	98.6559	206.4353	0008740	326.4316	33.6296	14.27621773	32273
P0-28								
1	22829U	93061G	94133.19963416	0.00000044		35350-4	0	2777
2	22829	98.6517	209.4085	0009569	304.5811	55.4472	14.28023395	32706
Arsene								
1	22654U	93031B	94124.94294243	-.00000120		00000-0	0	2516
2	22654	1.7729	101.4452	2921942	180.0752	180.1868	1.42202361	582
Mir								
1	16609U	86017A	94133.01390049	0.00005352		73721-4	0	5938
2	16609	51.6479	2.3028	0014201	250.1408	109.8055	15.58980035470563	

Keplerian bulletins are transmitted twice weekly from W1AW.

The next scheduled transmission of these data will be Tuesday,  
May 17, 1994, at 2230z on Baudot and AMTOR.

NNNN

/EX

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Date: Mon, 16 May 1994 14:54:47 GMT

From: pa.dec.com!nntpd2.cxo.dec.com!iamu.chi.dec.com!little@decwrl.dec.com

Subject: Connecting an FT-726R to a G3RUH modem?

To: ham-space@ucsd.edu

Given how popular the FT-726R was for satellite operation, certainly someone out there must have worked out the easiest way to connect one to a 9600 FSK modem. I've found the output of the demodulator for receive that is easy to access, but haven't found a similarly easy spot for injecting the xmit side into the modulator. If anyone knows of the easiest (least impact on the FT-726R) way to connect up a high speed modem, I'd sure like to hear about it.

73 es tnx,

Todd

N9MWB

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Date: Mon, 16 May 1994 18:19:24 GMT  
From: ihnp4.ucsd.edu!swrinde!emory!news-feed-2.peachnet.edu!concert!  
hearst.acc.Virginia.EDU!cscsun!dtiller@network.ucsd.edu  
Subject: FCC REGS?  
To: ham-space@ucsd.edu

Ronald Hobbs (ronald.hobbs@toadhall.com) wrote:  
: \*CROSSPOST ALERT\*

: I have seen Ramsey Electronic's Ads for transmitters for "Dorm"  
: stations,etc.

: I would like to put a station on the air that doesn't violate any FCC  
: Regs or entail great licensening expense (or power). Does anybody know  
: anything? I am a ham radio operator, don't want to jeopardize my ticket  
: or run a pirate station. I have the "book" here but who knows chapter  
: and verse?--the FCC lines are always busy.

Title 47 CFR, Part 15. This deals with low power transmitters. I'd suggest  
getting a ramsey fm10a (I think). I've got one - it puts out a couple of mW,  
and can be heard over 'dorm distances'. They provide a very thoughtful  
guide as to what's legal and what's not, but it doesn't replace the CFR.

\* CFR=Code of Federal Regulations, found at a large library near you!

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David Tiller | Network Administrator | Voice: (804) 752-3710 |  
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College | Fax: (804) 752-7231 |  
Brady Law critique removed | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |  
due to liberal PC pressure. | Ashland, Va 23005 | 77d 31' 32.19" W |

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Date: Tue, 17 May 94 03:08:22 CST  
From: usenet.elf.com!sundog.tiac.net!usenet@uunet.uu.net  
Subject: HELP! - Sharp PC-6200 lcd & docs  
To: ham-space@ucsd.edu

hi, mitch wa4osr here in mobile, alabama...

my sharp pc-6200 was dropped and the lcd display  
was damaged... upon taking the display apart, one  
of the surface mount column drivers was cracked...  
rendering the display unusable... therefore,  
i am in desperate need of the lcd display panel...

the part numbers on the display panel are LM64N671  
and 90D13145W ... both numbers are on the panel...  
my pc-6200 is actually a pc-6220, which  
i think indicates that it has a 20 mb hard drive...

i bought the pc-6220 used with absolutely \*NO\* docs...  
it has the 2400 baud internal modem... i need \*ANY\*  
info, but especially would appreciate a copy of the  
owner/operator manual... i will gladly pay for  
copies/postage...

if anyone can help with a source of the lcd panel or  
with the docs please email me or call me collect  
at the below numbers...

thanks for any help/leads...

mitch, wa4osr

fmitch@netcom.com  
205-476-4100 work  
205-342-7259 home  
11 Midtown Park, E.  
Mobile, AL 36606

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End of Ham-Space Digest V94 #126

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